



Uroplakin IIIA (ABT72R) Rabbit mAb (Ready to Use)

Catalog No	YP-rAb-18277
Isotype	IgG
Reactivity	Human,Mouse
Applications	IHC
Gene Name	UPK3A
Protein Name	Uroplakin-3a (UP3a) (Uroplakin III) (UPIII)
Purification Process	Protein A
Specificity	This antibody detects endogenous levels of UPK3A
Formulation	The prediluted ready-to-use antibody is diluted in phosphate buffer saline containing stabilizing protein and 0.05% Proclin 300
Source	Monoclonal, Rabbit,IgG
Dilution	Ready to use for IHC Note: For IHC, we suggest antigen retrieval with TE buffer pH 9.0
Concentration	0.5 mg/ml
Purity	≥90%
Storage Stability	2° C to 8° C/1 year,Ship by ice bag
Synonyms	MGC119178 ; OTTHUMP00000028951 ; UP III ; UP3a ; UPIII ; UPIIIA ; UPK 3 ; UPK 3A ; UPK3 ; UPK3A ; UPK3A_HUMAN ; Uroplakin 3A ; Uroplakin III ; Uroplakin-3a ; Uroplakin3A ; UroplakinIII
Observed Band	
Calculated Molecular Weight	
Cell Pathway	Endoplasmic reticulum membrane ; Single-pass type I membrane protein . Heterodimer formation with UPK1B is a prerequisite to exit out of the endoplasmic reticulum (ER) . .
Tissue Specificity	Expressed in ureter.
Function	Disease:Defects in UPK3A are a cause of renal adysplasia [MIM:191830]; also known as renal agenesis or renal aplasia. Renal agenesis refers to the absence of one (unilateral) or both (bilateral) kidneys at birth. Bilateral renal agenesis belongs to a group of perinatally lethal renal diseases, including severe bilateral renal dysplasia, unilateral renal agenesis with contralateral dysplasia and severe obstructive uropathy. .Function:Component of the asymmetric unit membrane (AUM); a highly specialized biomembrane elaborated by terminally differentiated urothelial cells. May play an important role in AUM-cytoskeleton interaction in terminally differentiated urothelial cells. It also contributes to the formation of





urothelial glycoalyx which may play an important role in preventing bacterial adherence.,similarity:Belongs to the uroplakin-3 family.,subcellular location:Heterodimer formation with UPK1B is a prerequisite to exit out of the endoplasmic reticulum (ER),subunit:Heterodimer with uroplakin-1B (UPK1B),tissue specificity:Expressed in ureter.,

Background

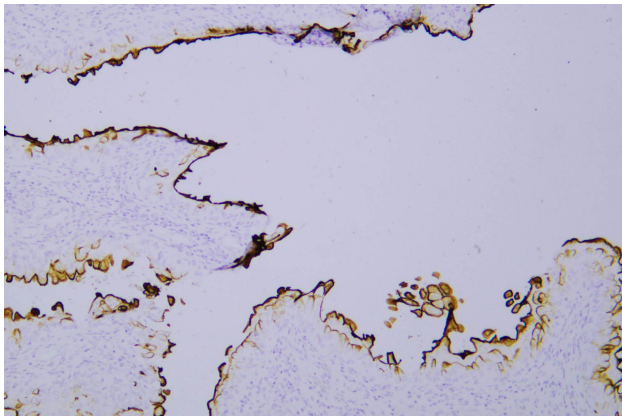
This gene encodes a member of the uroplakin family, a group of transmembrane proteins that form complexes on the apical surface of the bladder epithelium. Mutations in this gene may be associated with renal adysplasia. Alternatively spliced transcript variants have been described.[provided by RefSeq, Nov 2009],

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



Human bladder was stained with anti-Uroplakin IIIA (ABT72R) rabbit mAb

